

TERRA NOVA CAT/6

STATEWIDE SPRING 2002 RESULTS

Grade 4 - Composite Statistics

Student Counts and Percentages by Ethnicity

Quarters ¹	1 ¹ (1%-25%)		2 ¹ (26%-50%)		3 ¹ (51%-75%)		4 ¹ (76%-99%)		Enrollment 10/01	Participation Rate ²
	Count	%	Count	%	Count	%	Count	%		
	Reading Composite									
Alaskan Native	984	45.2%	644	29.6%	394	18.1%	155	7.1%	2,567	84.8%
American Indian	29	20.1%	40	27.8%	41	28.5%	34	23.6%	168	85.7%
Asian/ Pacific Islander	164	25.4%	202	31.3%	188	29.1%	91	14.1%	642	100.5%
Black	110	23.5%	152	32.5%	135	28.8%	71	15.2%	510	91.8%
Hispanic	104	29.5%	105	29.7%	99	28.0%	45	12.7%	401	88.0%
White	562	10.8%	1,075	20.7%	1,661	32.0%	1,900	36.6%	6,228	83.5%
Other	26	18.6%	43	30.7%	40	28.6%	31	22.1%	206	68.0%

Language Composite										
Alaskan Native	934	43.1%	591	27.3%	418	19.3%	223	10.3%	2,567	84.4%
American Indian	37	26.2%	33	23.4%	39	27.7%	32	22.7%	168	83.9%
Asian/ Pacific Islander	130	20.5%	160	25.2%	184	29.0%	161	25.4%	642	98.9%
Black	137	29.3%	114	24.4%	118	25.3%	98	21.0%	510	91.6%
Hispanic	100	28.4%	95	27.0%	89	25.3%	68	19.3%	401	87.8%
White	721	14.0%	1,040	20.2%	1,458	28.3%	1,930	37.5%	6,228	82.7%
Other	32	22.7%	35	24.8%	35	24.8%	39	27.7%	206	68.4%

Math Composite										
Alaskan Native	795	36.3%	644	29.4%	544	24.8%	209	9.5%	2,567	85.4%
American Indian	35	24.3%	37	25.7%	43	29.9%	29	20.1%	168	85.7%
Asian/ Pacific Islander	124	19.2%	173	26.8%	197	30.5%	152	23.5%	642	100.6%
Black	146	31.1%	140	29.8%	125	26.6%	59	12.6%	510	92.2%
Hispanic	93	26.3%	98	27.8%	106	30.0%	56	15.9%	401	88.0%
White	712	13.7%	1,127	21.7%	1,862	35.8%	1,504	28.9%	6,228	83.6%
Other	36	25.5%	41	29.1%	43	30.5%	21	14.9%	206	68.4%

¹Quarter values represent the following:

- 1 - percentage of students who scored in the lowest quarter of the national distribution (1-25)
- 2 - percentage of students who scored in the second quarter of the national distribution (26-50)
- 3 - percentage of students who scored in the third quarter of the national distribution (51-75)
- 4 - percentage of students who scored in the fourth quarter of the national distribution (76-99)

²Participation rate is calculated by dividing the total count of students tested by the Fall 2001 enrollment. Fourth Grade statewide enrollment in October 2001 was 10,722.

TERRA NOVA CAT/6

STATEWIDE SPRING 2002 RESULTS

Grade 4 - Subtests

Student Counts and Percentages by Ethnicity

Quarters ¹	1 ¹ (1%-25%)		2 ¹ (26%-50%)		3 ¹ (51%-75%)		4 ¹ (76%-99%)		Enrollment 10/01	Participation Rate ²
	Count	%	Count	%	Count	%	Count	%		
	Reading Subtest									
Alaskan Native	1,151	51.5%	573	25.6%	331	14.8%	181	8.1%	2,567	87.1%
American Indian	33	22.8%	42	29.0%	40	27.6%	30	20.7%	168	86.3%
Asian/ Pacific Islander	193	29.7%	195	30.0%	155	23.9%	106	16.3%	642	101.1%
Black	132	27.9%	154	32.6%	115	24.3%	72	15.2%	510	92.7%
Hispanic	120	33.5%	95	26.5%	98	27.4%	45	12.6%	401	89.3%
White	752	14.4%	1,119	21.4%	1,509	28.8%	1,860	35.5%	6,228	84.1%
Other	36	25.4%	36	25.4%	41	28.9%	29	20.4%	206	68.9%

Reading Vocabulary										
Alaskan Native	883	40.1%	764	34.7%	393	17.9%	161	7.3%	2,567	85.7%
American Indian	30	22.1%	37	27.2%	30	22.1%	39	28.7%	168	81.0%
Asian/ Pacific Islander	173	26.7%	200	30.9%	192	29.7%	82	12.7%	642	100.8%
Black	124	26.3%	142	30.1%	131	27.8%	74	15.7%	510	92.4%
Hispanic	113	31.9%	110	31.1%	85	24.0%	46	13.0%	401	88.3%
White	573	11.0%	1,114	21.4%	1,677	32.2%	1,848	35.5%	6,228	83.7%
Other	26	18.6%	45	32.1%	36	25.7%	33	23.6%	206	68.0%

Language Subtest										
Alaskan Native	1,137	51.0%	578	25.9%	333	14.9%	183	8.2%	2,567	86.9%
American Indian	41	28.3%	33	22.8%	33	22.8%	38	26.2%	168	86.3%
Asian/ Pacific Islander	192	29.6%	172	26.5%	157	24.2%	128	19.7%	642	101.1%
Black	158	33.4%	122	25.8%	112	23.7%	81	17.1%	510	92.7%
Hispanic	120	33.5%	88	24.6%	93	26.0%	57	15.9%	401	89.3%
White	829	15.8%	1,113	21.2%	1,416	27.0%	1,882	35.9%	6,228	84.1%
Other	37	26.1%	39	27.5%	29	20.4%	37	26.1%	206	68.9%

¹Quarter values represent the following:

- 1 - percentage of students who scored in the lowest quarter of the national distribution (1-25)
- 2 - percentage of students who scored in the second quarter of the national distribution (26-50)
- 3 - percentage of students who scored in the third quarter of the national distribution (51-75)
- 4 - percentage of students who scored in the fourth quarter of the national distribution (76-99)

²Participation rate is calculated by dividing the total count of students tested by the Fall 2001 enrollment. Fourth Grade statewide enrollment in October 2001 was 10722.

TERRA NOVA CAT/6

STATEWIDE SPRING 2002 RESULTS

Grade 4 - Subtests

Student Counts and Percentages by Ethnicity

Quarters ¹	1 ¹ (1%-25%)		2 ¹ (26%-50%)		3 ¹ (51%-75%)		4 ¹ (76%-99%)		Enrollment 10/01	Participation Rate ²
	Count	%	Count	%	Count	%	Count	%		

Language Mechanics										
Alaskan Native	798	36.3%	582	26.5%	489	22.3%	328	14.9%	2,567	85.6%
American Indian	34	23.4%	37	25.5%	39	26.9%	35	24.1%	168	86.3%
Asian/ Pacific Islander	114	17.7%	150	23.3%	165	25.6%	215	33.4%	642	100.3%
Black	133	28.3%	113	24.0%	111	23.6%	113	24.0%	510	92.2%
Hispanic	92	26.1%	106	30.1%	76	21.6%	78	22.2%	401	87.8%
White	779	15.0%	1,040	20.0%	1,463	28.2%	1,907	36.8%	6,228	83.3%
Other	29	20.7%	37	26.4%	36	25.7%	38	27.1%	206	68.0%

Math Subtest										
Alaskan Native	986	44.0%	627	28.0%	429	19.1%	199	8.9%	2,567	87.3%
American Indian	47	32.6%	31	21.5%	35	24.3%	31	21.5%	168	85.7%
Asian/ Pacific Islander	165	25.5%	196	30.3%	151	23.3%	135	20.9%	642	100.8%
Black	186	39.4%	126	26.7%	109	23.1%	51	10.8%	510	92.5%
Hispanic	114	32.2%	95	26.8%	94	26.6%	51	14.4%	401	88.3%
White	798	15.2%	1,142	21.8%	1,618	30.9%	1,686	32.2%	6,228	84.2%
Other	44	31.0%	43	30.3%	32	22.5%	23	16.2%	206	68.9%

Math Computation										
Alaskan Native	797	35.9%	613	27.6%	506	22.8%	302	13.6%	2,567	86.4%
American Indian	36	24.7%	39	26.7%	43	29.5%	28	19.2%	168	86.9%
Asian/ Pacific Islander	123	19.0%	157	24.2%	181	27.9%	188	29.0%	642	101.1%
Black	133	28.1%	136	28.8%	119	25.2%	85	18.0%	510	92.7%
Hispanic	95	26.6%	84	23.5%	116	32.5%	62	17.4%	401	89.0%
White	924	17.7%	1,161	22.3%	1,690	32.4%	1,438	27.6%	6,228	83.7%
Other	42	29.8%	36	25.5%	39	27.7%	24	17.0%	206	68.4%

¹Quarter values represent the following:

- 1 - percentage of students who scored in the lowest quarter of the national distribution (1-25)
- 2 - percentage of students who scored in the second quarter of the national distribution (26-50)
- 3 - percentage of students who scored in the third quarter of the national distribution (51-75)
- 4 - percentage of students who scored in the fourth quarter of the national distribution (76-99)

²Participation rate is calculated by dividing the total count of students tested by the Fall 2001 enrollment. Fourth Grade statewide enrollment in October 2001 was 10722.

TERRANOVA CAT/6

STATEWIDE SPRING 2002 RESULTS

GRADE 4 -Composite Statistics

Student Counts and Percentages by Special Populations and Gender

Quarters *	1 (1%-25%)		2 (26%-50%)		3 (51%-75%)		4 (76%-99%)	
	Count	%	Count	%	Count	%	Count	%
Reading Composite								
Low Income ¹	1,354	36.4%	1,129	30.4%	823	22.1%	412	11.1%
Limited English Proficient ²	641	51.6%	376	30.2%	178	14.3%	48	3.9%
Migrant ³	229	44.0%	138	26.5%	110	21.1%	44	8.4%
Disabled ⁴	679	54.5%	308	24.7%	149	12.0%	110	8.8%
Gifted ⁵	14	2.6%	18	3.3%	75	13.8%	435	80.3%
Male	1,251	25.1%	1,204	24.1%	1,318	26.4%	1,213	24.3%
Female	954	18.8%	1,274	25.1%	1,481	29.2%	1,371	27.0%

Language Composite								
Low Income ¹	1,364	36.6%	997	26.7%	835	22.4%	535	14.3%
Limited English Proficient ²	549	44.1%	341	27.4%	236	19.0%	118	9.5%
Migrant ³	214	41.0%	151	28.9%	92	17.6%	65	12.5%
Disabled ⁴	737	59.1%	270	21.6%	132	10.6%	109	8.7%
Gifted ⁵	17	3.1%	16	3.0%	71	13.1%	438	80.8%
Male	1,426	28.5%	1,175	23.5%	1,260	25.2%	1,138	22.8%
Female	946	18.6%	1,103	21.7%	1,402	27.5%	1,639	32.2%

Mathematics Composite								
Low Income ¹	1,254	33.7%	1,086	29.2%	991	26.6%	393	10.6%
Limited English Proficient ²	496	39.7%	369	29.5%	274	21.9%	110	8.8%
Migrant ³	182	34.7%	156	29.7%	124	23.6%	63	12.0%
Disabled ⁴	651	52.1%	332	26.6%	181	14.5%	85	6.8%
Gifted ⁵	8	1.5%	27	5.0%	106	19.6%	401	74.0%
Male	1,180	23.6%	1,201	24.0%	1,505	30.0%	1,124	22.4%
Female	1,022	20.1%	1,294	25.4%	1,706	33.5%	1,072	21.0%

*Quarter values represent the following:

- 1 - percentage of students who scored in the lowest quarter of the national distribution (1-25)
- 2 - percentage of students who scored in the second quarter of the national distribution (26-50)
- 3 - percentage of students who scored in the third quarter of the national distribution (51-75)
- 4 - percentage of students who scored in the fourth quarter of the national distribution (76-99)

Students may be classified in more than one special population category.

¹. Low Income students served under Title I, Part A of the Elementary Secondary Education Act, Free and Reduced Lunch Program; or Temporary Assistance for Needy Families (TANF, formerly AFDC).

². Limited English Proficient are students whose first or dominant language is not English and who are served under the Bilingual Education Act, Title VII of the Elementary and Secondary Education Act.

³. Migrant students are transient students served under Title I, Part C of the Elementary and Secondary Education Act.

⁴. Disabled students are those served under the Individuals with Disabilities Education Act or Section 504 of the Vocational Rehabilitation Act.

⁵. Gifted students are academically talented students served under Chapter 52, Article 3 of the Alaska Administrative Code.

**TERRANOVA CAT/6
STATEWIDE SPRING 2002 RESULTS
GRADE 4 - Subtest Statistics**

Student Counts and Percentages by Special Population and Gender

Quarters *	1 *		2 *		3 *		4 *	
	(1%-25%)		(26%-50%)		(51%-75%)		(76%-99%)	
	Count	%	Count	%	Count	%	Count	%
Reading Subtest								
Low Income ¹	1,611	42.5%	1,014	26.7%	739	19.5%	430	99.8%
Limited English Proficient ²	727	56.4%	340	26.4%	164	12.7%	57	98.4%
Migrant ³	265	55.0%	128	26.6%	89	51.0%		0.0%
Disabled ⁴	768	61.0%	264	21.0%	121	9.6%	106	99.1%
Gifted ⁵	16	2.9%	22	4.0%	78	14.2%	432	100.0%
Male	1,155	22.5%	1,207	23.5%	1,310	25.5%	1,462	28.5%
Female	1,549	30.6%	1,220	24.1%	1,204	23.8%	1,094	21.6%

Reading Vocabulary								
Low Income ¹	1,280	34.2%	1,210	32.3%	831	22.2%	425	99.8%
Limited English Proficient ²	605	48.1%	419	33.3%	183	14.5%	52	98.2%
Migrant ³	207	39.1%	159	30.0%	115	21.7%	49	98.2%
Disabled ⁴	618	49.2%	344	27.4%	167	13.3%	126	99.3%
Gifted ⁵	13	2.4%	28	5.2%	95	17.5%	407	99.9%
Male	982	19.3%	1,393	27.3%	1,459	28.6%	1,266	24.8%
Female	1,139	22.7%	1,254	25.0%	1,340	26.7%	1,284	25.6%

Language Subtest								
Low Income ¹	1,628	43.0%	976	25.8%	705	18.6%	481	99.8%
Limited English Proficient ²	703	54.8%	330	25.7%	178	13.9%	73	98.7%
Migrant ³	276	84.9%	*	*	*	*	49	98.3%
Disabled ⁴	778	61.6%	252	20.0%	126	10.0%	106	99.1%
Gifted ⁵	15	2.7%	25	4.6%	84	15.3%	424	99.9%
Male	1,192	23.2%	1,196	23.3%	1,232	24.0%	1,511	29.4%
Female	1,623	32.0%	1,162	22.9%	1,155	22.8%	1,124	22.2%

Language Mechanics								
Low Income ¹	1,218	32.8%	992	26.7%	838	22.6%	664	99.9%
Limited English Proficient ²	456	36.0%	346	27.4%	276	21.8%	187	99.5%
Migrant ³	180	33.9%	138	26.0%	130	24.5%	83	99.0%
Disabled ⁴	676	53.7%	280	22.2%	181	14.4%	123	99.3%
Gifted ⁵	18	3.3%	33	6.1%	107	19.7%	385	99.9%
Male	858	16.8%	1,107	21.6%	1,393	27.2%	1,757	34.3%
Female	1,391	27.6%	1,188	23.6%	1,267	25.2%	1,189	23.6%

TERRANOVA CAT/6 2002

STATEWIDE SPRING 2002 RESULTS

GRADE 4

Student Counts and Percentages by Special Population and Gender

Quarters *	1*		2*		3*		4*	
	(1%-25%)		(26%-50%)		(51%-75%)		(76%-99%)	
	Count	%	Count	%	Count	%	Count	%
Mathematics Subtest								
Low Income ¹	1,510	39.9%	1,067	28.2%	801	21.1%	410	99.8%
Limited English Proficient ²	625	48.6%	367	28.6%	209	16.3%	84	98.9%
Migrant ³	220	41.0%	160	29.9%	100	18.7%	56	98.4%
Disabled ⁴	721	57.1%	291	23.0%	157	12.4%	94	99.0%
Gifted ⁵	9	1.6%	23	4.2%	78	14.3%	437	100.0%
Male	1,268	24.7%	1,320	25.7%	1,413	27.5%	1,133	22.1%
Female	1,376	27.1%	1,143	22.5%	1,327	26.2%	1,224	24.1%

Mathematics Computation								
Low Income ¹	1,266	33.7%	1,046	27.8%	939	25.0%	508	99.8%
Limited English Proficient ²	470	37.1%	350	27.6%	267	21.1%	180	99.5%
Migrant ³	179	33.6%	147	27.6%	126	23.6%	81	99.0%
Disabled ⁴	633	50.2%	342	27.1%	179	14.2%	106	99.1%
Gifted ⁵	17	3.1%	45	8.3%	149	27.4%	333	99.9%
Male	1,101	21.5%	1,245	24.3%	1,566	30.6%	1,204	23.5%
Female	1,342	26.6%	1,213	24.1%	1,371	27.2%	1,110	22.0%

*Quarter values represent the following:

- 1 - percentage of students who scored in the lowest quarter of the national distribution (1-25)
- 2 - percentage of students who scored in the second quarter of the national distribution (26-50)
- 3 - percentage of students who scored in the third quarter of the national distribution (51-75)
- 4 - percentage of students who scored in the fourth quarter of the national distribution (76-99)

Students may be classified in more than one special population category.

¹. Low Income students served under Title I, Part A of the Elementary Secondary Education Act, Free and Reduced Lunch Program; or Temporary Assistance for Needy Families (TANF, formerly AFDC).

². Limited English Proficient are students whose first or dominant language is not English and who are served under the Bilingual Education Act, Title VII of the Elementary and Secondary Education Act.

³. Migrant students are transient students served under Title I, Part C of the Elementary and Secondary Education Act.

⁴. Disabled students are those served under the Individuals with Disabilities Education Act or Section 504 of the Vocational Rehabilitation Act.

⁵. Gifted students are academically talented students served under Chapter 52, Article 3 of the Alaska Administrative Code.